

Work Order ID 88387

88387

Page 1

August-02-12 8:02:23 AM

Item ID: D3267-041 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Basket lid Assembly (Outside)
 Start Date: 7/27/12 Start Qty: 1.00 *1* Cust Item ID:
 Required Date: 8/31/12 Req'd Qty: 1.00 *1* Customer:
 Reference:

Approvals: Process Plan: P Date: 12-08-9 Tooling: _____ Date: _____ Run Start *NR1*
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
D3267	D

100 Weld per dwg A/R S.S. rod Batch: 124816 0.00
 100 Large Fab

Large Fab Memo 0.00
 1- assemble all ribs and both D2581 in DT9445 jig, weld as per dwg

2- tack weld mesh on basket as per dwg using DT9445 jig
 ****cut cutouts with zip cut as per dwg D3832****

3- remove from jig and weld lable plate as per dwg
 A/R ER316 S.S. Rod Batch: 124816

110 QC9- Inspect visual per QSI004- Fusion Welds 0.00

110 QC Memo 0.00
 Quality Control

13.4.25 (1x)

13.04.25 D45 09 9-89

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data									
Equip/Tooling									
Operator									
Material									
Setup									
Other									
Process									
Supplier									
Training									
Unapproved									

FAULT CATEGORY

Landing Gear	General	Other
<input type="checkbox"/> Bending	<input type="checkbox"/> Bend	<input type="checkbox"/> Grain
<input type="checkbox"/> Centre Not Concentric to O/S	<input type="checkbox"/> BOM/Route	<input type="checkbox"/> Hardware
<input type="checkbox"/> Cracks	<input type="checkbox"/> Broken/Damaged	<input type="checkbox"/> Inspection Incomplete
<input type="checkbox"/> Crushed/Crimped	<input type="checkbox"/> Burrs	<input type="checkbox"/> Instructions Incomplete/Unclear
<input type="checkbox"/> Cuffs	<input type="checkbox"/> Contamination	<input type="checkbox"/> Maintenance
<input type="checkbox"/> Heat Treat	<input type="checkbox"/> Countersink	<input type="checkbox"/> Mislabeled
<input type="checkbox"/> Inspection Strip in Tube	<input type="checkbox"/> Cut Too Short	<input type="checkbox"/> Misread
<input type="checkbox"/> Ripples in Bend	<input type="checkbox"/> Drill Holes	<input type="checkbox"/> Offset
<input type="checkbox"/> Torque Waves in Extrusion	<input type="checkbox"/> Drawing	<input type="checkbox"/> Out of Calibration
<input type="checkbox"/> Turning Sequence	<input type="checkbox"/> Finish	<input type="checkbox"/> Out of Sequence
<input type="checkbox"/> Wave/Twist in Tube	<input type="checkbox"/> Folio	<input type="checkbox"/> Outside Dimensions
		<input type="checkbox"/> Ovalized
		<input type="checkbox"/> Over/Under tolerance
		<input type="checkbox"/> Part Incorrect
		<input type="checkbox"/> Part Lost/Missing
		<input type="checkbox"/> Part Moved
		<input type="checkbox"/> Positioned Wrong
		<input type="checkbox"/> Power Loss/Surge
		<input type="checkbox"/> Pressure/Forced
		<input type="checkbox"/> Temperature/Cure
		<input type="checkbox"/> Weld
		<input type="checkbox"/> Wrong Stock Pulled
		<input type="checkbox"/> Other

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Item ID: D3267-041 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Basket lid Assembly (Outside)
 Start Date: 7/27/12 Start Qty: 1.00 *1* Cust Item ID:
 Required Date: 8/31/12 Req'd Qty: 1.00 *1* Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start *NR1*
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120	QC6- Inspect dimensions to drawing	0.00							
120									
QC	Memo	0.00							DAS 09 8-89
Quality Control									

130	White Gloss(Ref:4.3.5.1) per QSI005 4.3-Alum	0.00							
130									
Powdercoat	Memo	0.00							
Powder Coating	POWDER COATING								

Powder Coat White Gloss (Ref: 4.3.5.1) as per QSI 005 4.3

1ST COAT
 START TIME: 1:30
 OVEN TEMPERATURE: 400°F
 FINISH TIME: 2:03
 ***** 2nd coat if necessary *****

2ND COAT:
 START TIME: _____
 OVEN TEMPERATURE: _____
 FINISH TIME: _____

W125069

1 Xp m/ 13/04/25

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data <input type="checkbox"/>											
Equip/Tooling <input type="checkbox"/>											
Operator <input type="checkbox"/>											
Material <input type="checkbox"/>											
Setup <input type="checkbox"/>											
Other <input type="checkbox"/>											
Process <input type="checkbox"/>											
Supplier <input type="checkbox"/>											
Training <input type="checkbox"/>											
Unapproved <input type="checkbox"/>											
FAULT CATEGORY											
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube			General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio			<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions			<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other		

88387

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N900040100

Setup Start *NS1*

Stop *NS2*

Start Date: 7/27/12 **Start Qty:** 1.00 ***1***

Cust Item ID:

Required Date: 8/31/12 Req'd Qty: 1.00 * 1 *

Customer:

Reference:

Approvals: **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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0.00

140

HandFinishing

0.00

HandFinish

Memo

Hand Finishing

Wing walk as per Dwg D3267 and QSI 005 4.4

Spray Paint Black: 13943.

Wing Walk: 2.5182

150

QC3- Inspect Part Finish

0.00

150

0.00

QC

Memo

Quality Control

155

Identify as per dwg & Stock Location: D350-627-0474

155

0.00

Packaging

Memo

Packaging

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>						
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Doc/Data <input type="checkbox"/>												
Equip/Tooling <input type="checkbox"/>												
Operator <input type="checkbox"/>												
Material <input type="checkbox"/>												
Setup <input type="checkbox"/>												
Other <input type="checkbox"/>												
Process <input type="checkbox"/>												
Supplier <input type="checkbox"/>												
Training <input type="checkbox"/>												
Unapproved <input type="checkbox"/>												
FAULT CATEGORY												
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube			General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio			<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions			<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other	

Work Order ID 88387

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Item ID: D3267-041

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Basket lid Assembly (Outside)

Start Date: 7/27/12

Start Qty: 1.00

1

Cust Item ID:

Required Date: 8/31/12

Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run Start *NR1*

QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop *NR2*

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

160

QC21- Final Inspection - Work Order Release

0.00

160

QC

Memo

0.00

Quality Control

MS 13-04-26

13-04-26

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>						
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector			
Doc/Data <input type="checkbox"/>												
Equip/Tooling <input type="checkbox"/>												
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Setup <input type="checkbox"/>												
Other <input type="checkbox"/>												
Process <input type="checkbox"/>												
Supplier <input type="checkbox"/>												
Training <input type="checkbox"/>												
Unapproved <input type="checkbox"/>												
FAULT CATEGORY												
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube			General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio			<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions			<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other	

Picklist Print

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Page 1

Work Order ID: 88387

Parent Item: D3267-041

Parent Item Name: Basket lid Assembly (Outside)

Start Date: 7/27/12

Required Date: 8/31/12

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:C Removed -043 05-11-04 JLM
 IPP Rev:D 08-09-10 revC as per dwg (ecn 08-524) DD verified by:EC
 DD 10.03.11 verified by:EC IPP REV:E 12.07.25 AS PER DWG REV.D DD VERF:EC
 IPP Rev:E add I.D.

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D2506 Label Plate		Manufactured	No			100	Each	19.0000	1	1			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				WA		10							
				86941		10							
				WA006		9							
				82705		9							
D2512-7 Rib		Manufactured	No			100	Each	5.0000	1	1			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				WA		5							
				53444		0							
				77522		1							
				81048		4							
D2581 Mounting Bracket		Manufactured	No			100	Each	124.0000	2	2			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				WA		106							
				82506		2							
				83230		3							
				85452		24							
				86058		4							
				86367		39							
				86961		34							
				WA005		18							
				70766		2							
				81253		1							
				82897		15							

Pl 13.4.25
 398496 → ①

Pl 13.4.25
 398500 → ①

Pl 13.4.25
 398108 → ②

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data <input type="checkbox"/>											
Equip/Tooling <input type="checkbox"/>											
Operator <input type="checkbox"/>											
Material <input type="checkbox"/>											
Setup <input type="checkbox"/>											
Other <input type="checkbox"/>											
Process <input type="checkbox"/>											
Supplier <input type="checkbox"/>											
Training <input type="checkbox"/>											
Unapproved <input type="checkbox"/>											
FAULT CATEGORY											
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube			General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio			<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions			<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other		

Picklist Print

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Page 2

Work Order ID: 88387

Parent Item: D3267-041

Start Date: 7/27/12

Required Date: 8/31/12

Parent Item Name: Basket lid Assembly (Outside)

Start Qty: 1.00

Required Qty: 1.00

/ D2989-13 Manufactured No

100 Each 4.0000

2

2

Pl 13.4.25

Rib

Location

Loc Qty

Loc Code

WA

4

77528

4

388593 → ②

/ D3265-1 Manufactured No

100 Each 8.0000

2

2

Pl 13.4.25

Rib

Location

Loc Qty

Loc Code

WA006

8

51483

4

55842

4

396745 → ②

/ D3267-1 Manufactured No

100 Each 0.0000

2

2

Pl 13.4.25

Strut

/ D3832-7 Manufactured No

100 Each 0.0000

1

1

Pl 13.4.25

Mesh (Lid)

/ D3833-3 Manufactured No

100 Each 31.0000

2

2

Pl 13.4.25

Mesh (Lid End)

Location

Loc Qty

Loc Code

WA

23

81142

2

87051

3

87412

8

87413

4

87850

6

WA035

8

67460

8

J D3836-041 Manufactured No

100 Each 1.0000

1

1

Pl 13.4.25

Rib Assembly (Basket Lid, LH)

Location

Loc Qty

Loc Code

WA

1

87890

1

388715 → ①
389397 → ①

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Shop Packet Print

Page 2

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

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Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data <input type="checkbox"/>											
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Supplier <input type="checkbox"/>											
Training <input type="checkbox"/>											
Unapproved <input type="checkbox"/>											

FAULT CATEGORY												
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube			General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio			<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions			<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other	

Picklist Print

August-02-12 8:02:22 AM

Page 3

Work Order ID: 88387

Parent Item: D3267-041

Parent Item Name: Basket lid Assembly (Outside)

Start Date: 7/27/12

Required Date: 8/31/12

Start Qty: 1.00

Required Qty: 1.00

D3836-042 Manufactured No
Rib Assembly (Basket Lid, RH)

100 Each 3.0000

1

1

Pl 13.4.25

Location

Loc Qty

Loc Code

WA

3

84796

2

87891

1

B90745 → ①

D3852-041 Manufactured No
Rib Assembly

100 Each 7.0000

1

1

Pl 13.4.25

Location

Loc Qty

Loc Code

WA

4

70722

0

87906

4

WA005

3

77512

1

86042

2

B90845 → ①

D3852-042 Manufactured No
Rib Assembly

100 Each 8.0000

1

1

Pl 13.4.25

Location

Loc Qty

Loc Code

WA

7

77513

1

87905

6

WA005

1

66089

1

B87664 → ①

August-02-12 8:02:22 AM

Shop Packet Print

Page 3

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
Root Cause		Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector	
Doc/Data	<input type="checkbox"/>										
Equip/Tooling	<input type="checkbox"/>										
Operator	<input type="checkbox"/>										
Material	<input type="checkbox"/>										
Setup	<input type="checkbox"/>										
Other	<input type="checkbox"/>										
Process	<input type="checkbox"/>										
Supplier	<input type="checkbox"/>										
Training	<input type="checkbox"/>										
Unapproved	<input type="checkbox"/>										

FAULT CATEGORY									
Landing Gear			General						
<input type="checkbox"/>	Bending	<input type="checkbox"/>	Bend	<input type="checkbox"/>	Grain	<input type="checkbox"/>	Ovalized	<input type="checkbox"/>	Pressure/Forced
<input type="checkbox"/>	Centre Not Concentric to O/S	<input type="checkbox"/>	BOM/Route	<input type="checkbox"/>	Hardware	<input type="checkbox"/>	Over/Under tolerance	<input type="checkbox"/>	Temperature/Cure
<input type="checkbox"/>	Cracks	<input type="checkbox"/>	Broken/Damaged	<input type="checkbox"/>	Inspection Incomplete	<input type="checkbox"/>	Part Incorrect	<input type="checkbox"/>	Weld
<input type="checkbox"/>	Crushed/Crimped	<input type="checkbox"/>	Burrs	<input type="checkbox"/>	Instructions Incomplete/Unclear	<input type="checkbox"/>	Part Lost/Missing	<input type="checkbox"/>	Wrong Stock Pulled
<input type="checkbox"/>	Cuffs	<input type="checkbox"/>	Contamination	<input type="checkbox"/>	Maintenance	<input type="checkbox"/>	Part Moved	<input type="checkbox"/>	Other
<input type="checkbox"/>	Heat Treat	<input type="checkbox"/>	Countersink	<input type="checkbox"/>	Mislabeled	<input type="checkbox"/>	Positioned Wrong		
<input type="checkbox"/>	Inspection Strip in Tube	<input type="checkbox"/>	Cut Too Short	<input type="checkbox"/>	Misread	<input type="checkbox"/>	Power Loss/Surge		
<input type="checkbox"/>	Ripples in Bend	<input type="checkbox"/>	Drill Holes	<input type="checkbox"/>	Offset				
<input type="checkbox"/>	Torque Waves in Extrusion	<input type="checkbox"/>	Drawing	<input type="checkbox"/>	Out of Calibration				
<input type="checkbox"/>	Turning Sequence	<input type="checkbox"/>	Finish	<input type="checkbox"/>	Out of Sequence				
<input type="checkbox"/>	Wave/Twist in Tube	<input type="checkbox"/>	Folio	<input type="checkbox"/>	Outside Dimensions				

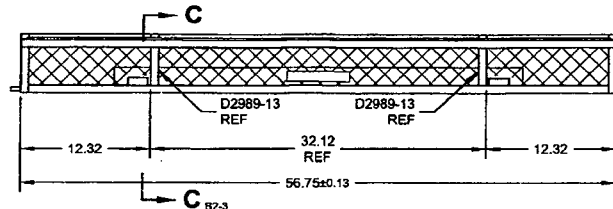
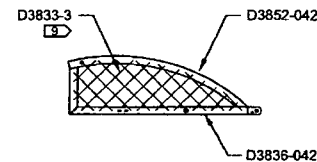
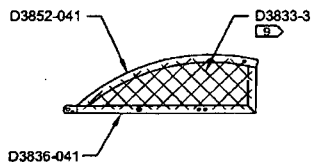
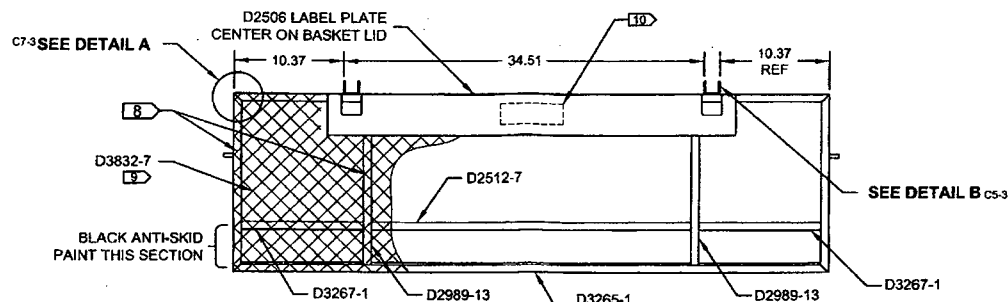
QTY -041	QTY -043	PART NUMBER	DESCRIPTION
X		D3267-041	BASKET LID ASSEMBLY (OUTSIDE)
	X	D3267-043	BASKET LID ASSEMBLY (INSIDE)
1		D2506	LABEL PLATE
1		D2512-7	STRUT
2		D2581	MOUNTING BRACKET
	1	D2989-3	STRUT
	1	D2989-4	STRUT
	2	D2989-5	STRUT
2		D2989-13	STRUT
	2	D3182-1	HINGE
	1	D3265-043	RIB ASSY
2	1	D3265-1	STRUT
2		D3267-1	STRUT
	2	D3442-3	SHIM
1		D3832-7	MESH (LID)
	1	D3832-9	MESH (LID)
2		D3833-3	MESH, LID END
	2	D3833-5	MESH, LID END
1		D3838-041	RIB ASSY (BASKET LID, LH)
1		D3838-042	RIB ASSY (BASKET LID, RH)
	1	D3838-041	RIB ASSY (BASKET LID, LH)
	1	D3838-042	RIB ASSY (BASKET LID, RH)
1		D3852-041	RIB ASSEMBLY
1		D3852-042	RIB ASSEMBLY

88387
R012-059

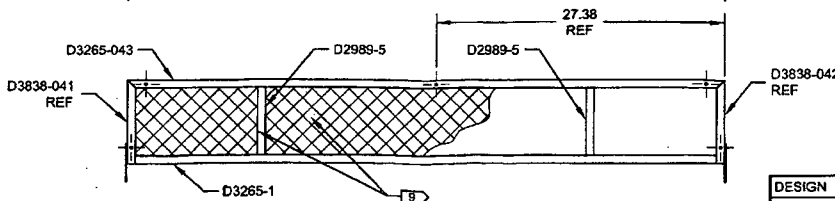
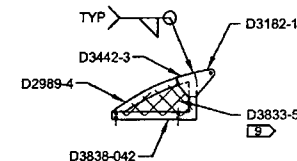
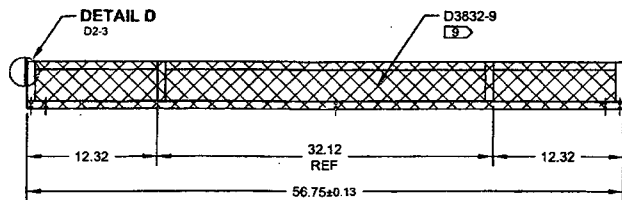
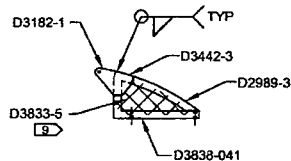
RELEASED
2012-07-16

D	GENERAL UPDATE TO SATISFY PAR10-50.	MB	12.05.17
C	DRAWING UPDATED TO CURRENT STANDARDS. SHEET 3 ADDED. FRAME MATERIAL WALL THICKNESS WAS 0.080, D3267-1 DETAILED.	AJS	08.08.15
B	ADD SHIM UNDER HINGES	PH	05.08.08
A	NEW ISSUE	DS	04.02.02
REV.	DESCRIPTION	BY	DATE
DESIGN	DS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN		DRAWING NO.	REV. D
CHECKED		D3267	SHEET 1 OF 3
MFG. APPR.		TITLE	SCALE
APPROVED		BASKET LID ASSEMBLY	NTS
DE APPR.		COPYRIGHT © 2004 BY DART AEROSPACE LTD	
DATE	12.05.17	THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS UNDERSTANDING THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR REPRODUCED IN ANY FORM OR BY ANY MEANS WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD	

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D3267-041 LID ASSEMBLY



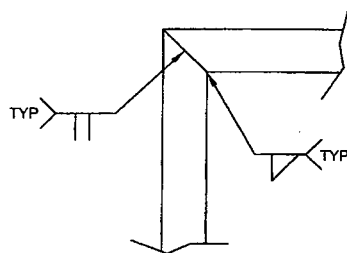
D3267-043 LID ASSEMBLY

NOTES:

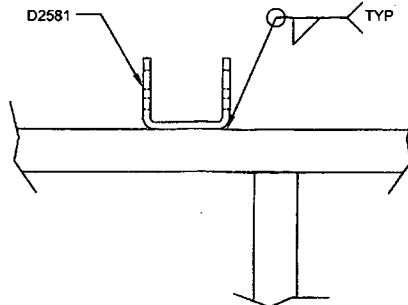
- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT ENTIRE ASSEMBLY WHITE (REF. 4.3.5.2)
PER DART QSI 005 4.3. BLACK ANTI-SKID PAINT
INDICATED AREA PER DART QSI 005 4.4. SPRAY PAINT
INSIDE SURFACES BLACK PRIOR TO APPLYING ANTI-SKID.
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: N/A
- 8) WELDING: PER DART QSI 004
- 9) TACK WELD D3832-7/-9 AND D3833-3/-5 MESH TO FRAME AT EVERY
AVAILABLE LOCATION
- 10) REMOVE 2" x 6" SECTION OF MESH FROM BEHIND LABEL PLATE

RELEASED
2012-07-16

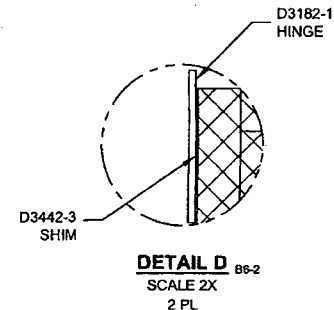
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DRAWN	3	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. D
MFG. APPR.		D3267	2 OF 3
APPROVED		TITLE	SCALE
DE APPR.		BASKET LID ASSEMBLY	NTS
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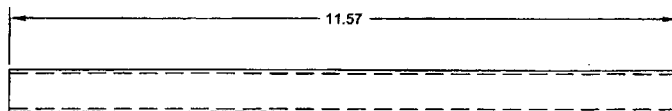
DETAIL A D7-2
JOINT WELD DETAIL TYP
(MESH NOT SHOWN FOR CLARITY)
SCALE 2X



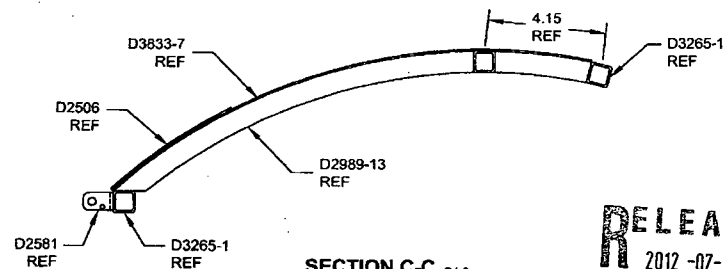
DETAIL B D2-2
2 PL
SCALE 2X



DETAIL D 86-2
SCALE 2X
2 PL



D3267-1 STRUT 1



SECTION C-C C4-2

NOTES:

- 1) MATERIAL: AISI 304/316 SEAMLESS STAINLESS STEEL SQUARE TUBING
PER ASTM A554/A269 MILL FINISH, 0.75 X 0.75 X 0.065 WALL
REF. DART SPEC M304TS0.750W.D65
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: N/A

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2012-07-16

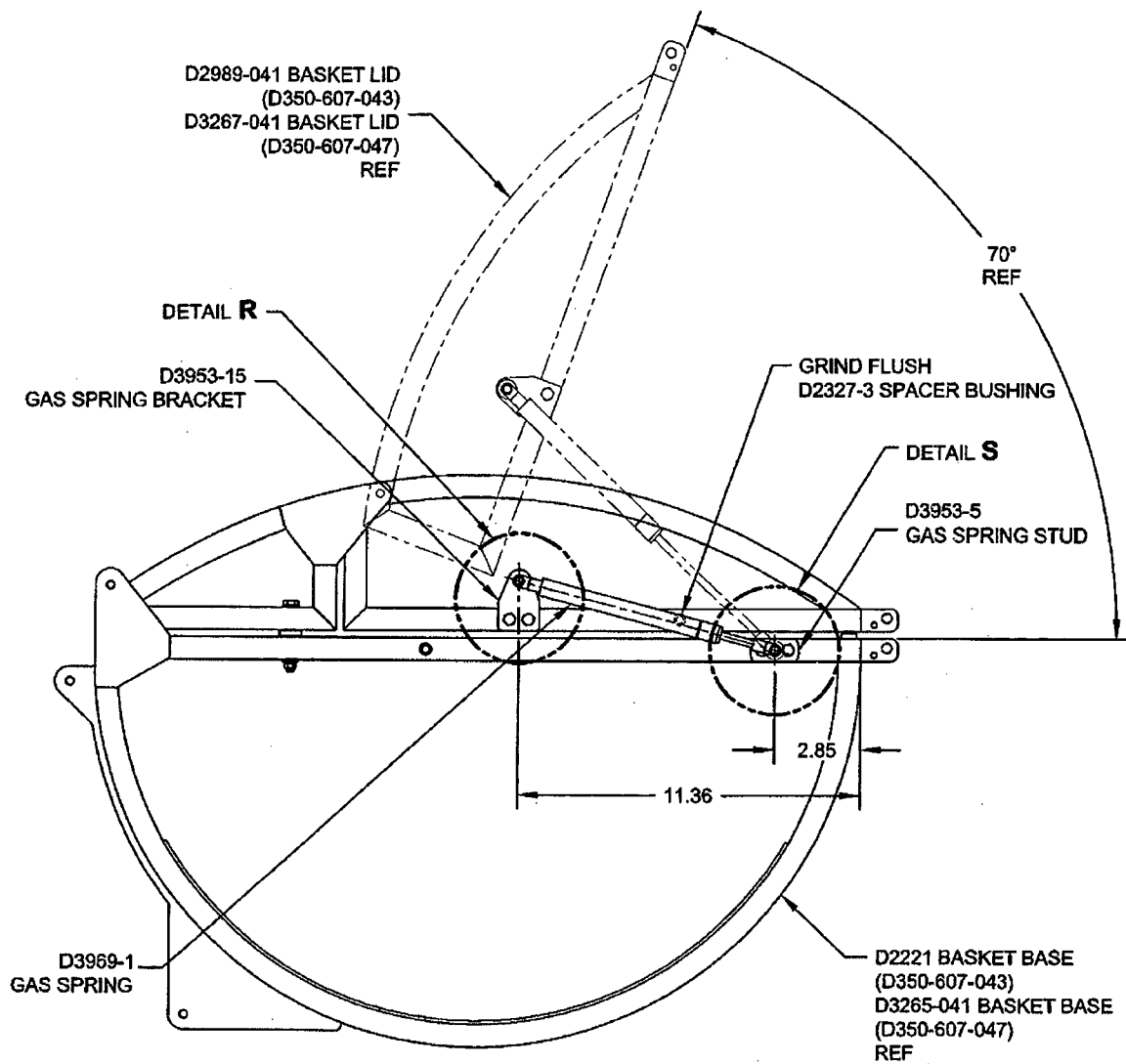
DESIGN	DS	DART AEROSPACE LTD
DRAWN		HAWKESBURY, ONTARIO, CANADA
CHECKED		DRAWING NO. REV. D
MFG. APPR.		D3267 3 OF 3
APPROVED		TITLE SCALE
DE APPR.		BASKET LID ASSMEBLY NTS
DATE	12.05.17	COPYRIGHT © 2004 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSES OR COMPILED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

- 4.1.4. Locate the D3953-5 Gas Spring Stud as shown in Figure 8a. Trim Steel Mesh locally as required. Touch up paint per ICA-D350-607 Section 5.1 Item 4. Transfer Mark and Drill 2X Ø0.194 holes thru the Basket base square tube structure as shown in Detail L. Fasten D3953-5 IAW View N-N using 2X AN3C11A Bolt, 2X NAS1149C0332R Washer & 2X MS21043-3 Nut.
- 4.1.5. Install 1X D3953-11 Gas Spring Spacer onto the D3953-5 Stud as shown in View N-N. Install the large end of the D3969-1 Gas Spring onto the D3953-5 Gas Spring Stud and Fasten in Place using 1X D3953-9 Gas Spring Washer, 1X NAS1149C0432R Washer, 1X AN310-4 Castellated Nut & 1X MS24665-212 Cotter Pin as shown in View N-N. Install Cotter Pin per MS33540 or AC43.13 chapter 7-127.
- 4.1.6. Insert the D3953-3 Gas Spring Stud into the D3953-1 Gas Spring Bracket & Insert the D3953-7 Gas Spring Spacer onto the D3953-3 Gas Spring as Shown in View P-P. Raise the Basket lid and install the rod end of the D3969-1 Gas Spring onto the D3953-3 Gas Spring Stud using 1X D3953-9 Gas Spring Washer, 1X NAS1149C0432R Washer, 1X AN310-4 Castellated Nut & 1X MS24665-212 Cotter Pin as shown in View P-P. Install Cotter Pin Per MS33540 or AC43.13 Chapter 7-127.
- NOTE:** The D3953-3 Gas Spring Stud can be held in place with a 9/16 open end spanner/wrench.
- NOTE:** With the lid in the closed position the Gas Spring should not be fully compressed.
- 4.1.7. Repeat steps 4.1.2 through 4.1.6 at the other end of the Basket.
- 4.1.8. Test the installation. If installed properly the Gas Springs should assist the Basket user in both opening and closing the basket lid.

4.2 D350-607-143 AUTOMATIC LID OPENER INSTL (FOR USE ON -043/-047 BASKET)

NOTE: This kit may be installed at either end of the Basket. However, the Prop Arm must be removed in either case as it will interfere with the function of the Gas Spring.

- 4.2.1 Remove the D2332-041 Prop Arm.
- 4.2.2 Grind flush the D2327-3 Spacer Bushing on the end of the Basket where the lid opener is to be installed as shown in Figure 9a (it is permissible to grind all 4 spacers flush). Touch up paint per ICA-D350-607 Section 5.1 Item 4.
- 4.2.3 Locate the D3953-15 Gas Spring Bracket as shown in Figure 9a. Trim steel mesh locally as required. Touch up paint per ICA-D350-607 Section 5.1 Item 4. Transfer mark and drill 2X Ø0.194 holes thru the Basket Lid Square tube structure as shown in Detail R. Install the D3953-15 Gas Spring Bracket & D3953-17 Gas Spring Spacer using 2X AN3C15A BOLT, 2X NAS1149C0332R Washer & 2X MS21043-3 Nut as shown in View T-T.
- 4.2.4 Locate the D3953-5 Gas Spring Stud as shown in Figure 9a. Trim Steel Mesh Locally as required. Touch up paint per ICA-D350-607 Sections 5.1 Item 4. Transfer mark and drill 2X Ø 0.194 holes thru the Basket Base square tube structure as shown in Detail S. Install 2X AN3C11A Bolt, 2X NAS1149C0332R Washer & 2X MS21043-3 Nut as shown in View U-U. Install the rod end of the D3969-1 Gas Spring onto the D3953-5 Gas Spring Stud using 1X D3953-9 Gas Spring washer 1X NAS1149C0432R Washer, 1X AN310-4 Castellated Nut & 1X MS24665-212 Cotter Pin as shown in View U-U. Install Cotter Pin per MS33540 or AC43.13 Chapter 7-127.
- 4.2.5 Insert the D3953-3 Gas Spring Stud into the D3953-15 Gas Spring Bracket & insert the D3953-7 Gas Spring Spacer onto the D3953-3 Gas Spring Stud as shown in View T-T. Raise the Basket lid and install the D3969-1 Gas Spring onto the D3953-3 Gas Spring Stud and fasten in place using 1X D3953-9 Gas Spring Washer 1X NAS1149C0432R Washer, 1X AN310-4 Castellated Nut & 1X MS24665-212 Cotter Pin as shown in View T-T. Install Cotter Pin per MS33540 OR AC43.13 Chapter 7-127.
- NOTE:** The D3953-3 Gas Spring Stud can be held in place with a 9/16 open end spanner/wrench.
- NOTE:** With the lid in the closed position the Gas Spring should not be fully compressed.



D350-607-143 AUTOMATIC LID OPENER INSTALLATION
(1 END ONLY)

Figure 9a – Automatic Lid Opener Installation

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Revision: **A**
Date: 10.03.10